

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Joel COTTON, et al.

SERIAL NO: 10/500,891

GAU:

FILED: July 7, 2004

EXAMINER:

FOR: PHOSPHINIC PSEUDOPEPTIDE DERIVATIVES FOR THE SELECTIVE INHIBITION OF THE C-TERMINAL ACTIVE SITE OF ANGIOTENSIN I CONVERTING ENZYME (ACE)

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

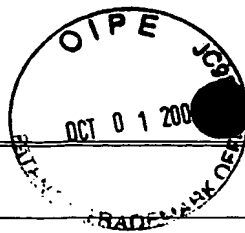
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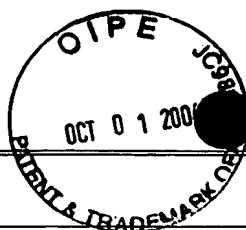
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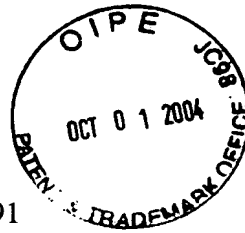
Registration No. 34,423



Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 255062US0PCT		SERIAL NO. 10/500,891	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Joel COTTON, et al.			
				FILING DATE July 7, 2004		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5 476 847	12/19/95	MCKITTRICK, Brian A. et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AB	0 361 341	04/04/90	EP	NO		
	AC	2 781 230	01/21/00	FR (equivalent of US 6482797 & WO 00/01706- with English abstract)	NO		
	AD	2 676 059	11/06/92	FR (equivalent of US 5500414)	NO		
	AE	0 725 075	08/07/96	EP (equivalent of US 5776903)	NO		
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AF	DEMANGE, L. et al. "Synthesis of phosphinic alanyl-proline surrogates Ala psi (P02R-CH) Pro as potential inhibitors of the human cyclophilin hCyp-18", Tetrahedron Letters, Elsevier Science Publishers, Amsterdam, NL, vol. 42, no.36, pages 6295-6297, XP004302932, ISSN: 0040-4039 09/03/2001					
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	AH	LINZ, Wolfgang et al. "Contribution of Kinins to the Cardiovascular Actions of Angiotensin-Converting Enzyme Inhibitors", Pharmacological Reviews. Vol. 47, no.1, pages 25-49 1995					
	AI	SOUBRIER, Florent et al. "Two putative active centers in human angiotensin I-converting enzyme revealed by molecular cloning", Biochemistry, vol. 85, pages 9386-9390 1998					
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	AR	VASSILIIOU, Stamatia et al. "Phosphinic Pseudo-Tripeptides as Potent Inhibitors of Matrix Metalloproteinases: A Structure-Activity Study", Journal of Medicinal Chemistry, vol.42, no.14, pages 2610-2620 1999					
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				FILING DATE July 7, 2004		GROUP	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AT	GREENE, Theodora W. et al. "The Role of Protective Groups in Organic Synthesis" and "Protection for the Amino Group", Protective Groups in Organic Synthesis, 2 nd ed., pages 1, 309-315 1991					
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	AW	CHEN, Huixiong et al. "Long Lasting Antinociceptive Properties of Enkephalin Degrading Enzyme (NEP and APN) Inhibitor Prodrugs", J. Med. Chem., vol.44, pages 3523-3530 2001					<input type="checkbox"/> Additional References sheet(s) attached
Examiner						Date Considered	
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



U.S. PCT Application Serial No.: 10/500,891
Docket No.: 255062US0PCT

STATEMENT OF RELEVANCY

- 1) References AA-AC, AF have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References _____ have been cited in the corresponding _____ Search Report. A copy of these references is being submitted herewith.
- 3) References AD-AE, AG-AW are discussed in the specification. A copy of these references is being submitted here with.
- 4) References _____ are additional prior art known to Applicant. A copy of these references is being submitted herewith.